

STATEMENT OF BASIS

as required by LAC 33:IX.3109, for draft **Louisiana Pollutant Discharge Elimination System Permit No. LA0058637; AI 253; PER20030001** to discharge to waters of the State of Louisiana as per LAC 33:IX.2311.

The **permitting authority** for the Louisiana Pollutant Discharge Elimination System (LPDES) is:

Louisiana Department of Environmental Quality
Office of Environmental Services
P. O. Box 4313
Baton Rouge, Louisiana 70821-4313

I. **THE APPLICANT IS:** Crowley Disposal, LLC
13351 Scenic Highway
Baton Rouge, LA 70807

II. **PREPARED BY:** Eura DeHart

DATE PREPARED: May 1, 2009

III. **PERMIT ACTION:** Issue LPDES permit LA0058637
AI 253; PER20030001

LPDES application received: July 9, 2003

EPA has not retained enforcement authority.

The facility was previously permitted under LWDPS Permit WP0191:

Effective Date: November 1, 1982
Expiration Date: October 31, 1987
Modification Date: March 12, 1999

IV. FACILITY INFORMATION:

A. The Crowley Disposal, LLC facility is a former hydrocarbon recovery and hazardous waste recycling facility that is currently undergoing closure and remediation. The facility operated from 1969 to 1997 and was primarily involved in recovery and recycling of petroleum wastes. Treated groundwater remediation wastewater, treated sanitary wastewater, and stormwater from the former tank farm and front yard are discharged to Bayou Plaquemine Brule via local drainage.

B. The facility is located at 2029 Bayou Plaquemine Road (Louisiana Highway 1112) in Rayne, Acadia Parish.

C. Outfall 001

Discharge Location: South end of the facility

Latitude 30° 16' 29" North
Longitude 92° 21' 51" West

Description: stormwater runoff from tank farm

Expected Flow: intermittent

Discharge Route: From concrete basin to Bayou Plaquemine Brule via local drainage

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Outfall 002

Discharge Location: North end of the facility
Latitude 30° 16' 32" North
Longitude 92° 21' 50" West

Description: stormwater runoff from front yard

Expected Flow: intermittent

Discharge Route: From concrete basin to Bayou Blaquemine Brule via local drainage

Outfall 003

Discharge Location: North end of the facility
Latitude 30° 16' 30" North
Longitude 92° 21' 51" West

Description: treated sanitary wastewater from septic tank

Expected Flow: intermittent

Discharge Route: From septic system to Bayou Blaquemine Brule via local drainage

Outfall 004 (Note: The permittee requests in their renewal application to remove Outfall 004. However, the fire water pond presents the potential for discharge. Therefore, the draft permit contains Outfall 004 for the potential discharge from the fire water pond.)

Discharge Location: North end of the facility
Latitude 30° 16' 30" North
Longitude 92° 21' 51" West

Description: fire water holding pond

Expected Flow: intermittent

Discharge Route: From concrete basin to Bayou Blaquemine Brule via local drainage

Outfall 006

Discharge Location: Northwest end of the facility
Latitude 30° 16' 30" North
Longitude 92° 21' 51" West

Description: treated groundwater remediation wastewater

Treatment: oil skimmer, air stripper, and activated carbon treatment

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Expected Flow: 0.002 MGD

Discharge Route: From the effluent pipe prior to entering the ditch along Louisiana Highway 1112 to Bayou Plaquemine Brule

Outfall 007

Discharge Location: Southwest end of the facility

Latitude 30° 16' 29" North
Longitude 92° 21' 53" West

Description: stormwater runoff from the former tank farm

Expected Flow: intermittent

Discharge Route: From concrete basin to Bayou-Plaquemine-Brule via local drainage

V. RECEIVING WATERS:

The discharge is into Bayou Plaquemine Brule via local drainage, in segment 050201 of the Mermentau Basin. This segment is not listed on the 303(d) list of impaired waterbodies.

The designated uses and degree of support for Segment 050201 of the Mermentau Basin are as indicated in the table below^{1/}:

Degree of Support of Each Use						
Primary Contact Recreation	Secondary Contact Recreation	Propagation of Fish & Wildlife	Outstanding Natural Resource Water	Drinking Water Supply	Shell fish Propagation	Agriculture
Full	Full	Not Supported	N/A	N/A	N/A	Full

^{1/}The designated uses and degree of support for Segment 050601 of the Mermentau Basin are as indicated in LAC 33:IX.1123.C.3, Table (3) and the 2006 Water Quality Management Plan, Water Quality Inventory Integrated Report, Appendix A, respectively.

VI. ENDANGERED SPECIES:

The receiving waterbody, Subsegment 050201 of the Mermentau Basin, is not listed in Section II.2 of the Implementation Strategy as requiring consultation with the U. S. Fish and Wildlife Service (FWS). This strategy was submitted with a letter dated November 17, 2008 from Rieck (FWS) to Nolan (LDEQ). Therefore, in accordance with the Memorandum of Understanding between the LDEQ and the FWS, no further informal (Section 7, Endangered Species Act) consultation is required. It was determined that the issuance of the LPDES permit is not likely to have an adverse effect on any endangered or candidate species or the critical habitat. The effluent limitations established in the permit ensure protection of aquatic life and maintenance of the receiving water as aquatic habitat.

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VII. HISTORIC SITES:

The discharge is from an existing facility location, which does not include an expansion beyond the existing perimeter. Therefore, there should be no potential effect to sites or properties on or eligible for listing on the National Register of Historic Places, and in accordance with the 'Memorandum of Understanding for the Protection of Historic Properties in Louisiana Regarding LPDES Permits' no consultation with the Louisiana State Historic Preservation Officer is required.

VIII. PUBLIC NOTICE:

Upon publication of the public notice, a public comment period shall begin on the date of publication and last for at least 30 days thereafter. During this period, any interested persons may submit written comments on the draft permit and may request a public hearing to clarify issues involved in the permit decision at this Office's address on the first page of the statement of basis. A request for a public hearing shall be in writing and shall state the nature of the issues proposed to be raised in the hearing.

Public notice published in:

Local newspaper of general circulation

Office of Environmental Services Public Notice Mailing List

For additional information, contact:

Mr. Eura DeHart
Water Permits Division
Department of Environmental Quality
Office of Environmental Services
P. O. Box 4313
Baton Rouge, Louisiana 70821-4313

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IX. PROPOSED PERMIT LIMITS:**Final Effluent Limits:**

Bayou Plaquemine Brule –Headwaters to Bayou Des Cannes, is not listed on LDEQ's Final 2006 303(d) List as impaired. However, this Subsegment was previously listed as impaired for Mercury, Phosphorus, Organic Enrichment/Low DO, Pathogen Indicators, Turbidity, Suspended Solids/Turbidity/Siltation, TDS, Ammonia, and Fipronil, for which TMDLs have been developed. The Department of Environmental Quality reserves the right to impose more stringent discharge limitations and/or additional restrictions in the future to maintain the water quality integrity and the designated uses of the receiving water bodies based upon additional TMDLs and/or water quality studies. The DEQ also reserves the right to modify or revoke and reissue this permit based upon any changes to the established TMDLs for this discharge, or to accommodate for pollutant trading provisions in approved TMDL watersheds as necessary to achieve compliance with water quality standards.

The following TMDLs have been established for Subsegment 050201:

MERCURY TMDLS FOR SUBSEGMENTS WITHIN MERMENEAU AND MERMENEAU RIVER BASINS January 19, 2001 - Per the TMDL, point source loading of mercury into waters of the Mermentau and Mermentau basins is relatively small, approximately 0.6% and 1.5% of existing total loads for the Mermentau and Mermentau basins, respectively. The TMDL implementation plan will identify point source discharges which, individually or collectively, may represent significant sources of mercury. Those facilities identified as having reasonable potential for exceeding narrative and/or numeric standards for protection of human health will be required to monitor mercury in their discharges. Mercury loading for these facilities will be controlled through permit limits or through implementation of a mercury minimization plan (MMP). This facility is not expected to discharge mercury in any quantities. The discharges should not cause or contribute to further impairment in the receiving stream. As such, mercury limits and/or MMP requirements are not included in this permit.

BAYOU PLAQUEMINE BRULE TMDL FOR FECAL COLIFORM, January 19, 2001 - This TMDL applies to sanitary dischargers only. As per the TMDL, "...there will be no change in the permit requirements based upon a wasteload allocation resulting from this TMDL." Therefore, Fecal Coliform effluent limitations will be permitted according to state policy.

BAYOU PLAQUEMINE BRULE WATERSHED TMDL FOR DISSOLVED OXYGEN AND NUTRIENTS, November 1999 - This facility is not assigned a waste load allocation by this TMDL. Per the TMDL, "There are 66 known dischargers in this Subsegment, the majority of which are too small to have a significant impact." Therefore, standard BOD₅ and COD limits have been applied and will address both the dissolved oxygen and nutrient impairments. Discharges compliant with these limitations should not contribute to further impairment of the receiving stream.

NOTE: Per the February 29, 2000 Delist (Federal Register Notice: Vol. 65, Num. 173, pages 54032-54034), assessment of new data and information shows this segment is meeting the water quality standards for phosphorus. Requirements for Total Phosphorus are not included in this permit.

TOTAL MAXIMUM DAILY LOAD (TMDL) For TSS, Turbidity, and Siltation for the Mermentau River Basin, May 2001 - This facility is not assigned a waste load allocation by this TMDL. Per the TMDL, "...point source loads are so small as to be insignificant, and because effective policies are in place to limit TSS discharges, no specific reductions from point sources are required." TSS limits will be permitted according to state policy.

NOTE: Per the February 29, 2000 Delist (Federal Register Notice: Vol 65, Num. 173, pages 54032-54034), assessment of new data and information shows this segment is meeting water quality standards for turbidity. Requirements for turbidity are not included in this permit.

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BAYOU PLAQUEMINE BRULE TMDL FOR AMMONIA (May 3, 2001) - This facility is not assigned a waste load allocation by this TMDL. Bayou Plaquemine Brule was listed on the October 28, 1999 Court Ordered §303(d) list for ammonia by virtue of its listing in the State of Louisiana's 1993 Nonpoint Source (NPS) Report. This subsegment was listed as "impacted by nonpoint source pollution." Per the TMDL, "The Bayou Plaquemine watershed includes 66 known dischargers, Many of these dischargers are small and need not be included in a model of this scale." Therefore, ammonia limits are not included in this permit.

BAYOU PLAQUEMINE BRULE TMDL FOR TOTAL DISSOLVED SOLIDS (TDS) (April 17, 2003) - The Bayou Plaquemine watershed includes 66 known dischargers, according to LDEQ's permit tracking system (Berger et al., 1999). Many of these dischargers are small and/or adequately distant from Bayou Plaquemine Brule and assumed to have a minimal effect on water quality in this subsegment. Sixteen larger facilities discharging sanitary wastewater directly into Bayou Plaquemine Brule and its tributaries were specifically included in this model. This facility was not included in this TMDL. No TDS limits are included in this permit.

Total Maximum Daily Load (TMDL) for the Pesticide Fipronil in the Mermentau River Basin - As per the TMDL for the Pesticide Fipronil in the Mermentau River Basin, "there are no known point sources for fipronil in the Mermentau River Basin." Effluent from this facility is not expected to contain fipronil as its use is limited to rice farming. Therefore, fipronil limits are not included in this permit.

OUTFALL 001 - Stormwater runoff from tank farm (estimated flow is 0.02 MGD when discharging)

Final limits shall become effective on the effective date of the permit and expire on the expiration date of the permit.

Effluent Characteristic	Monthly Avg.	Daily Max.	Basis
TOC	---	50 mg/l	BPJ based on LDEQ MSGP and previously issued water discharge permits for similar facilities.
Oil & Grease	---	15 mg/l	BPJ based on LDEQ MSGP and previously issued water discharge permits for similar facilities.

*Concentration limits are used in accordance with LAC 33:IX.2709.F.1.b which states that mass limitations are not necessary when applicable standards and limitations are expressed in other units of measurement. LAC 33:IX.709.B references LAC 33:IX.711 which express BOD₅ and TSS in terms of concentration.

Other Effluent Limitations:

1) pH

The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units at any time. (Limits as established through BPJ considering BCT for similar waste streams in accordance with LAC 33:IX.5905.C.)

2) Solids and Foam

There shall be no discharge of floating solids or visible foam in other than trace amounts in accordance with LAC 33:IX.1113.B.7.

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3) Visible Sheen

No evidence or presence of a sheen shall be observed in the effluent discharge.

OUTFALL 002 – Stormwater runoff from front yard (estimated flow is 0.0165 MGD when discharging)

Final limits shall become effective on the effective date of the permit and expire on the expiration date of the permit.

Effluent Characteristic	Monthly Avg.	Daily Max.	Basis
TOC	---	50 mg/l	BPJ based on LDEQ MSGP and previously issued water discharge permits for similar facilities.
Oil & Grease	---	15 mg/l	BPJ based on LDEQ MSGP and previously issued water discharge permits for similar facilities.

*Concentration limits are used in accordance with LAC 33:IX.2709.F.1.b which states that mass limitations are not necessary when applicable standards and limitations are expressed in other units of measurement. LAC 33:IX.709.B references LAC 33:IX.711 which express BOD₅ and TSS in terms of concentration.

Other Effluent Limitations:

1) pH

The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units at any time. (Limits as established through BPJ considering BCT for similar waste streams in accordance with LAC 33:IX.5905.C.)

2) Solids and Foam

There shall be no discharge of floating solids or visible foam in other than trace amounts in accordance with LAC 33:IX.1113.B.7.

3) Visible Sheen

No evidence or presence of a sheen shall be observed in the effluent discharge.

OUTFALL 003 – Treated sanitary wastewater from septic tank

Final limits shall become effective on the effective date of the permit and expire on the expiration date of the permit.

Effluent Characteristic	Monthly Avg.	Daily Max.	Basis
BOD ₅	30 mg/l	45 mg/l	BPJ based on Class I Sanitary General Permit LAG530000.
TSS	30 mg/l	45 mg/l	BPJ based on Class I Sanitary General Permit LAG530000.

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*Concentration limits are used in accordance with LAC 33:IX.2709.F.1.b which states that mass limitations are not necessary when applicable standards and limitations are expressed in other units of measurement. LAC 33:IX.709.B references LAC 33:IX.711 which express BOD₅ and TSS in terms of concentration.

Other Effluent Limitations:**1) pH**

The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units at any time. (Limits as established through BPJ considering BCT for similar waste streams in accordance with LAC 33:IX.5905.C.)

2) Solids and Foam

There shall be no discharge of floating solids or visible foam in other than trace amounts in accordance with LAC 33:IX.1113.B.7.

3) Fecal Coliform

The discharge from this facility is into a water body which has a designated use of Primary Contact Recreation. According to LAC 33:IX.1113.C.5.b.i, the fecal coliform standards for this water body are 200/100 ml and 400/100 ml. Therefore, the limits of 200/100 ml (Monthly Average) and 400/100 ml (Daily Maximum) are proposed as Fecal Coliform limits in the permit. These limits are being proposed through Best Professional Judgement in order to ensure that the water body standards are not exceeded, and due to the fact that existing facilities have demonstrated an ability to comply with these limitations using present available technology.

OUTFALL 004 – Stormwater runoff from the fire water pond

Final limits shall become effective on the effective date of the permit and expire on the expiration date of the permit.

Effluent Characteristic	Monthly Avg.	Daily Max.	Basis
TOC	---	50 mg/l	BPJ based on LDEQ MSGP and previously issued water discharge permits for similar facilities.
Oil & Grease	---	15 mg/l	BPJ based on LDEQ MSGP and previously issued water discharge permits for similar facilities.

*Concentration limits are used in accordance with LAC 33:IX.2709.F.1.b which states that mass limitations are not necessary when applicable standards and limitations are expressed in other units of measurement. LAC 33:IX.709.B references LAC 33:IX.711 which express BOD₅ and TSS in terms of concentration.

Other Effluent Limitations:**1) pH**

The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units at any time. (Limits as established through BPJ considering BCT for similar waste streams in accordance with LAC 33:IX.5905.C.)

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2) Solids and Foam

There shall be no discharge of floating solids or visible foam in other than trace amounts in accordance with LAC 33:IX.1113.B.7.

3) Visible Sheen

No evidence or presence of a sheen shall be observed in the effluent discharge.

OUTFALL 006 – Treated groundwater remediation system wastewater (estimated flow is 2,000 GPD)

Final limits shall become effective on the effective date of the permit and expire on the expiration date of the permit.

Conventional and Nonconventional Parameters

Effluent Characteristic	Monthly Avg. (µg/L)	Daily Max. (µg/L)	Basis
BOD ₅	---	20 mg/L	BPJ; *
Oil & grease	---	15 mg/L	BPJ; *
TSS	---	45 mg/L	BPJ; *
TOC	---	50 mg/l	BPJ; *, ***
Total Phenols (4AAP)	---	50	BPJ; *
Polychlorinated Biphenyls	No Discharge	No Discharge	BPJ; *

Priority Pollutants

Effluent Characteristic	Monthly Avg. (µg/L)	Daily Max. (µg/L)	Basis
VOLATILES			
Acrolein	69	100	BPJ; *, **
Acrylonitrile	69	100	BPJ; *, **
Benzene	5	5	BPJ; ***
Bromoform	69	100	BPJ; *, **
Carbon Tetrachloride	69	100	BPJ; *, **
Chlorobenzene	69	100	BPJ; *, **
Chlorodibromomethane	69	100	BPJ; *, **
Chloroethane	69	100	BPJ; *, **
2-Chloroethylvinyl ether	69	100	BPJ; *, **
Chloroform	69	100	BPJ; *, **
Dichlorobromoethane	69	100	BPJ; **
1,1-Dichloroethane	22	59	BPJ; OCPSF
1,2-Dichloroethane	69	100	BPJ; *, **
1,1-Dichloroethylene	22	60	BPJ; OCPSF
1,2-trans-Dichloroethylene	25	66	BPJ; OCPSF
1,2-Dichloropropane	69	100	BPJ; *, **

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Effluent Characteristic	Monthly Avg. (µg/L)	Daily Max. (µg/L)	Basis
1,3-Dichloropropylene	69	100	BPJ; *, **
Ethylbenzene	69	100	BPJ; *, **
Methyl Bromide	69	100	BPJ; *, **
Methyl Chloride	69	100	BPJ; *, **
Methylene Chloride	36	100	BPJ; *, **, OCPSF
1,1,2,2-Tetrachloroethane	69	100	BPJ; *, **
Tetrachloroethylene	52	100	BPJ; *, **, OCPSF
Toluene	28	74	BPJ; OCPSF
1,1,1-Trichloroethane	22	59	BPJ; OCPSF
1,1,2-Trichloroethane	32	100	BPJ; *, **, OCPSF
Trichloroethylene	26	69	BPJ; OCPSF
Vinyl Chloride	69	100	BPJ; *, **
ACID COMPOUNDS			
2-Chlorophenol	69	100	BPJ; *, **
2,4-Dichlorophenol	69	100	BPJ; *, **
2,4-Dimethylphenol	19	47	BPJ; OCPSF
4,6-Dinitro-o-cresol	69	100	BPJ; *, **
2,4-Dinitrophenol	69	100	BPJ; *, **, OCPSF
2-Nitrophenol	69	100	BPJ; *, **
4-Nitrophenol	69	100	BPJ; *, **, OCPSF
P-Chloro-m-cresol	69	100	BPJ; *, **
Pentachlorophenol	69	100	BPJ; *, **
Phenol	19	47	BPJ; OCPSF
2,4,6-Trichlorophenol	69	100	BPJ; *, **
BASE/NEUTRAL COMPOUNDS			
Acenaphthene	19	47	BPJ; OCPSF
Acenaphthylene	19	47	BPJ; OCPSF
Aniline	69	100	BPJ; *, **
Anthracene	19	47	BPJ; OCPSF
Benzidine	69	100	BPJ; *, **
Benzo(a)Anthracene	19	47	BPJ; OCPSF
Benzo(a)Pyrene	20	48	BPJ; OCPSF
3,4-Benzofluoranthene	20	48	BPJ; OCPSF
Benzo (ghi) perylene	69	100	BPJ; **
Benzo(k)Fluoranthene	19	47	BPJ; OCPSF
Bis(2-Chloroethoxy)methane	69	100	BPJ; *, **
Bis(2-Chloroethoxy)ether	69	100	BPJ; *, **
Bis(2-Chloroisopropyl)ether	69	100	BPJ; *, **
Bis(2-ethylhexyl)Phthalate	69	100	BPJ; *, **
4-Bromophenyl Phenyl Ether	69	100	BPJ; *, **
Butylbenzyl Phthalate	69	100	BPJ; *, **
2-Chloronaphthalene	69	100	BPJ; *, **
4-Chlorophenyl Phenyl Ether	69	100	BPJ; *, **
Chrysene	19	47	BPJ; OCPSF
Dibenzo(a,h)anthracene	69	100	BPJ; *, **
1,2-Dichlorobenzene	69	100	BPJ; *, **
1,3-Dichlorobenzene	69	100	BPJ; *, **

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Effluent Characteristic	Monthly Avg. (µg/L)	Daily Max. (µg/L)	Basis
1,4-Dichlorobenzene	69	100	BPJ; *, **
3,3'-Dichlorobenzidine	69	100	BPJ; **
Diethyl phthalate	46	100	BPJ; *, **, OCPSF
Dimethyl phthalate	19	47	BPJ; OCPSF
Di-n-butyl Phthalate	20	43	BPJ; OCPSF
2,4-Dinitrotoluene	69	100	BPJ; *, **
2,6-Dinitrotoluene	69	100	BPJ; *, **
Di-n-octyl Phthalate	69	100	BPJ; *, **
1,2-Diphenylhydrazine	69	100	BPJ; *, **
Fluoranthene	22	53.7	BPJ; OCPSF; CWT
Fluorene	19	47	BPJ; OCPSF
Hexachlorobenzene	69	100	BPJ; *, **
Hexachlorobutadiene	69	100	BPJ; *, **
Hexachlorocyclopentadiene	69	100	BPJ; **
Hexachloroethane	69	100	BPJ; *, **
Indeno(1,2,3-cd)pyrene	69	100	BPJ; *, **
Isophorone	69	100	BPJ; *, **
Naphthalene	19	47	BPJ; OCPSF
Nitrobenzene	69	100	BPJ; *, **
N-Nitrosodimethylamine	69	100	BPJ; *, **
N-Nitrosodi-n-propylamine	69	100	BPJ; *, **
N-Nitrosodiphenylamine	69	100	BPJ; *, **
Phenanthrene	19	47	BPJ; OCPSF
Pyrene	20	48	BPJ; OCPSF
1,2,4-Trichlorobenzene	69	100	BPJ; *, **
Xylenes	69	100	BPJ; *, **

* 1995 Amended Compliance Order (WE-C-94-0042A)

** LDEQ and EPA empirical effluent limitations for hazardous waste facilities

*** LPDES General Permit No. LAG940000 – Discharge of Treated Groundwater, Potentially Contaminated Stormwater, and/or Associated Wastewaters

BPJ Best Professional Judgement

CWT 40 CFR 437 – Centralized Waste Treatment, Subpart B- Oils Treatment and Recovery

OCPSF 40 CFR 414 – Organic Chemicals, Plastics and Synthetic Fibers, Subpart J - Direct Discharge Point Sources That Do Not Use End-of-Pipe Biological Treatment

Other Effluent Limitations:**1) pH**

The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units at any time. (Limits as established through BPJ considering BCT for similar waste streams in accordance with LAC 33:IX.5905.C.)

2) Solids and Foam

There shall be no discharge of floating solids or visible foam in other than trace amounts in accordance with LAC 33:IX.1113.B.7.

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3) Visible Sheen

No evidence or presence of a sheen shall be observed in the effluent discharge.

OUTFALL 007 – Stormwater runoff from the southwest portion of the facility

Final limits shall become effective on the effective date of the permit and expire on the expiration date of the permit.

Effluent Characteristic	Monthly Avg.	Daily Max.	Basis
TOC	---	50 mg/l	BPJ based on LDEQ MSGP and previously issued water discharge permits for similar facilities.
Oil & Grease	---	15 mg/l	BPJ based on LDEQ MSGP and previously issued water discharge permits for similar facilities.

*Concentration limits are used in accordance with LAC 33:IX.2709.F.1.b which states that mass limitations are not necessary when applicable standards and limitations are expressed in other units of measurement. LAC 33:IX.709.B references LAC 33:IX.711 which express BOD₅ and TSS in terms of concentration.

Other Effluent Limitations:

1) pH

The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units at any time. (Limits as established through BPJ considering BCT for similar waste streams in accordance with LAC 33:IX.5905.C.)

2) Solids and Foam

There shall be no discharge of floating solids or visible foam in other than trace amounts in accordance with LAC 33:IX.1113.B.7.

3) Visible Sheen

No evidence or presence of a sheen shall be observed in the effluent discharge.

X. PREVIOUS PERMITS:

LWDPS Permit No. WP 0191/ LPDES Permit No. LA0058637:

Issued: November 1, 1982

Expired: September 16, 1999

Outfall 001 (treated stormwater runoff from diked process area into Bayou Plaquemine)

Effluent Characteristic	Discharge Limitations		Monitoring Requirements	
	Daily Avg.	Daily Max.	Measurement Frequency	Sample Type
Flow	Report	Report	1/day	Estimate
Oil and Grease	---	15 mg/l	1/month	Grab
COD	---	100 mg/l	1/month	Grab
Benzene	Report	Report	1/quarter	Grab
Phenol	Report	Report	1/quarter	Grab

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Outfall 002 (treated wastewater from truck, car external washing area into Bayou Plaquemine)

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>		<u>Monitoring Requirements</u>	
	<u>Daily Avg.</u>	<u>Daily Max.</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>
Flow	Report	Report	1/day	Estimate
Oil and Grease	---	15 mg/l	1/month	Grab
TSS	30 mg/l	45 mg/l	1/month	Grab
COD	200 mg/l	300 mg/l	1/month	Grab

Outfall 003 (septic tank discharging to ditch along Parish service road)

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>		<u>Monitoring Requirements</u>	
	<u>Daily Avg.</u>	<u>Daily Max.</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>
Flow	Report	Report	1/day	Estimate
BOD ₅	30 mg/l	45 mg/l	1/month	Grab
TSS	30 mg/l	45 mg/l	1/month	Grab
Free Residual Chlorine	0.1 mg/l(min)	0.5 mg/l(max)	2/month	Grab

Outfall 004 (septic tank effluent from trailers discharging to highway ditch)

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>		<u>Monitoring Requirements</u>	
	<u>Daily Avg.</u>	<u>Daily Max.</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>
Flow	Report	Report	1/day	Estimate
BOD ₅	30 mg/l	45 mg/l	1/month	Grab
TSS	30 mg/l	45 mg/l	1/month	Grab
Free Residual Chlorine	0.1 mg/l(min)	0.5 mg/l(max)	2/month	Grab

Outfall 005 (once-through, noncontact cooling water into Bayou Plaquemine)

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>		<u>Monitoring Requirements</u>	
	<u>Daily Avg.</u>	<u>Daily Max.</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>
Flow	Report	Report	1/day	Estimate
Temperature	37°C	40°C	1/day	Measure

XI. ENFORCEMENT AND SURVEILLANCE ACTIONS:

A) Inspections

A review of the files indicates the most recent inspection was performed on October 13, 2008. It was noted that the facility ceased receipt of waste in July 1997 and the site is undergoing closure.

B) Compliance and/or Administrative Orders

Amended Compliance Order WE-C-94-0042 was issued on August 22, 1995 which set forth the water discharge monitoring requirements for the facility.

C) DMR Review

A review of the discharge monitoring reports for the period beginning January 2007 through December 2008 has revealed the following:

Statement of Basis

LA0058637; AI 253; PER20030001

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An analysis for benzene and phenols was not conducted during the Second Quarter 2008 for Outfall 001. The sample schedule to be collected in June 2008 was not collected due to dry conditions and no flow from the outfall.

In December 2008, the Oil & Grease concentration was reported as <25 mg/l for Outfall 007. The limitation for Oil & Grease is 15 mg/l. The DMR noted that the elevated reporting limit by the lab was due to limited sample volume.

XII. ADDITIONAL INFORMATION:

The Louisiana Department of Environmental Quality (LDEQ) reserves the right to impose more stringent discharge limitations and/or additional restrictions in the future to maintain the water quality integrity and the designated uses of the receiving water bodies based upon additional water quality studies and/or TMDLs. The LDEQ also reserves the right to modify or revoke and reissue this permit based upon any changes to established TMDLs for this discharge, or to accommodate for pollutant trading provisions in approved TMDL watersheds as necessary to achieve compliance with water quality standards. Therefore, prior to upgrading or expanding this facility, the permittee should contact the Department to determine the status of the work being done to establish future effluent limitations and additional permit conditions.

In accordance with LAC 33:IX.2903., this permit may be modified, or alternatively, revoked and reissued, to comply with any applicable effluent standard or limitations issued or approved under sections 301(b) (2) Cc) and CD); 304(b) (2); and 307(a) (2) of the Clean Water Act, if the effluent standard or limitations so issued or approved:

1. Contains different conditions or is otherwise more stringent than any effluent limitation in the permit; or
2. Controls any pollutant not limited in the permit; or
3. Require reassessment due to change in 303(d) status of waterbody; or
4. Incorporates the results of any total maximum daily load allocation, which may be approved for the receiving water body.

Please be aware that the Department has the authority to reduce monitoring frequencies when a permittee demonstrates two or more consecutive years of permit compliance. Monitoring frequencies established in LPDES permits are based on a number of factors, including but not limited to, the size of the discharge, the type of wastewater being discharged, the specific operations at the facility, past compliance history, similar facilities and best professional judgment of the reviewer. We encourage and invite each permittee to institute positive measures to ensure continued compliance with the LPDES permit, thereby qualifying for reduced monitoring frequencies upon permit reissuance. If the Department can be of any assistance in this area, please do not hesitate to contact us. As a reminder, the Department will also consider an increase in monitoring frequency upon permit reissuance when the permittee demonstrates continued non-compliance.

At present, the **Monitoring Requirements, Sample Types, and Frequency of Sampling** as shown in the draft permit.